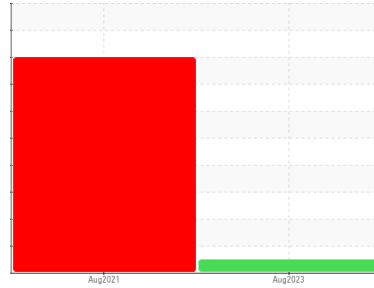


Area  
**FOOD GRADE 32**  
Machine Id  
**PALATEK 20CE001045 - ASSOCIATED POTATO GRAFTON**  
Component  
**Compressor**



**DIAGNOSIS**

**Recommendation**

Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

There is no indication of any contamination in the oil.

**Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>UCS05930944</b>	UCS05330912	---
Sample Date	Client Info		<b>15 Aug 2023</b>	10 Aug 2021	---
Machine Age	hrs	Client Info	<b>6400</b>	2111	---
Oil Age	hrs	Client Info	<b>3200</b>	2111	---
Oil Changed	Client Info		<b>Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	SEVERE	---

**WEAR METALS**

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>1</b>	2	---
Chromium	ppm	ASTM D5185m >10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185m >25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	---
Tin	ppm	ASTM D5185m >15	<b>0</b>	0	---
Antimony	ppm	ASTM D5185m	<b>---</b>	0	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 1	<b>0</b>	<1	---
Barium	ppm	ASTM D5185m 0.3	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m 0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m 0	<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185m 0	<b>2</b>	0	---
Calcium	ppm	ASTM D5185m 0.5	<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185m 536	<b>429</b>	607	---
Zinc	ppm	ASTM D5185m 0.2	<b>22</b>	0	---
Sulfur	ppm	ASTM D5185m 649	<b>845</b>	348	---

**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>&lt;1</b>	2	---
Sodium	ppm	ASTM D5185m	<b>5</b>	<1	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	0	---

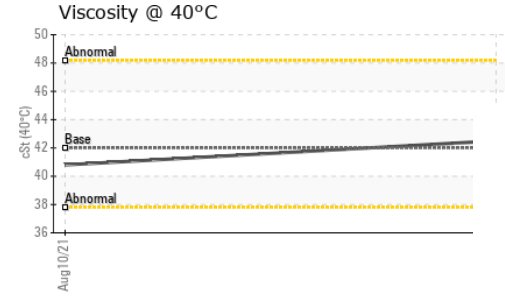
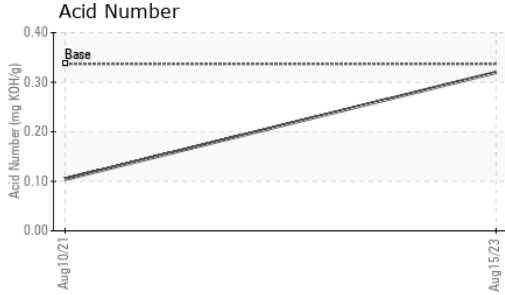
**FLUID DEGRADATION**

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.337	<b>0.32</b>	0.104	---

**VISUAL**

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual NONE	<b>NONE</b>	MODER	---
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual >0.1	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual	<b>NEG</b>		---

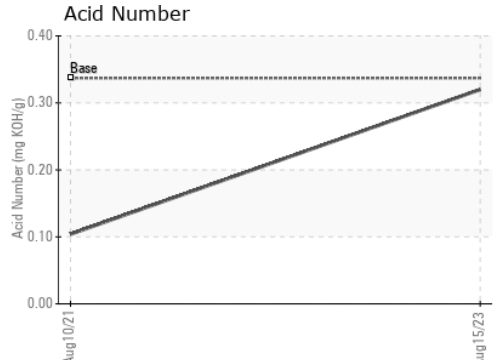
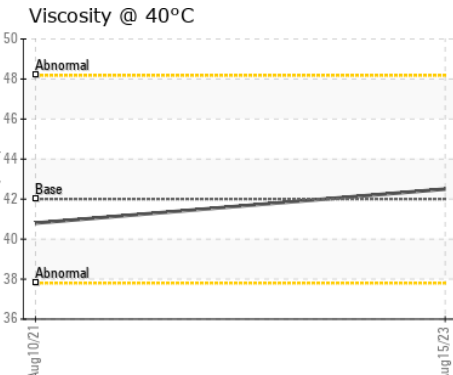
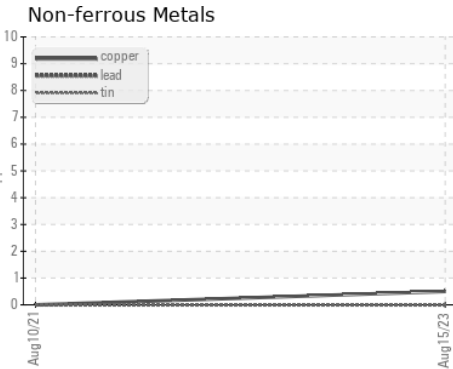
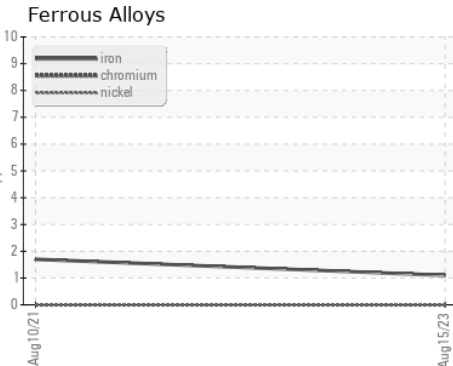
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.0	<b>42.5</b>	40.8	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						no image
Bottom						no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS05930944 **Received** : 22 Aug 2023  
**Lab Number** : **05930944** **Diagnosed** : 23 Aug 2023  
**Unique Number** : 10616215 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**JEMCO-MAXAIR**  
 WEST FARGO, ND  
 US 58078  
 Contact: DALE K  
 dalek@jemco-maxair.com  
 T: (701)281-0362  
 F: x:

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)